Google

| singular value decomposition in product form | Search | Advanced Search / Preferences |

Web   Results **1 - 10** of about **1,310,000** for <u>singular value decomposition</u> in <u>product form</u>. (**0.33** seconds)

The Singular Value Decomposition in Product Form—[SIAM Journal on ...
A gain of about $50\% $ in the CP-time required for the calculation of the **singular value decomposition** of a general matrix can be achieved by not forming ...
link.aip.org/link/?SJOCE3/4/216/1 - Similar pages - Note this

Singular value decomposition - Wikipedia, the free encyclopedia
The **singular value decomposition** was originally developed by differential geometers, who wished to determine whether a real bilinear **form** could be made ...
en.wikipedia.org/wiki/**Singular_value_decomposition** - 89k -
Cached - Similar pages - Note this

Singular value decomposition - ALGLIB
The basis of the most popular modern **singular value decomposition** algorithms lies in the matrix reduction to a bidiagonal **form** by orthogonal transformation ...
www.alglib.net/matrixops/general/svd.php - 17k - Cached - Similar pages - Note this

Bidiagonal singular value decomposition - ALGLIB
Singular value decomposition of a rectangular matrix A of size MxN is its representation in the **form** of **product** A = U W V T, where U is an orthogonal matrix `...
www.alglib.net/matrixops/other/bdsvd.php - 12k - Cached - Similar pages - Note this

Singular Value Decomposition
The **singular value decomposition in product form**. SIAM J. Sci. Stat. Comput., 4 (2):216–222, June 1983. 2. Gene H. Golub and Charles F. Van Loan. ...
www.ll.mit.edu/HPECchallenge/svd.html - 10k - Cached - Similar pages - Note this

The HK singular value decomposition of rank deficient matrix triplets
approach advocated in [8] for the generalized **singular value decomposition** I.GSVD)_.
Hence, we **form** the **product** using adjoints and find two-by-two rotations ...
www.springerlink.com/index/058429767010634t.pdf - Similar pages - Note this

Efficient Computation of the Singular Value Decomposition with ...
4 The **singular value decomposition in product form** (context) - Cuppen - 1983 2 A serical implementation of Cuppen's divide and conquer algo. ...
citeseer.ist.psu.edu/39345.html - 25k - Cached - Similar pages - Note this

Singular Value Decomposition - GNU Scientific Library -- Reference ...
A general rectangular M-by-N matrix A has a **singular value decomposition** ... To **form** the **product** U S V^T it is necessary to take the transpose of V . A ...
www.gnu.org/software/gsl/manual/html_node/**Singular-Value-Decomposition**.html - 8k -
Cached - Similar pages - Note this

Analysis of Metabolic Capabilities Using Singular Value ...
Singular value decomposition (SVD) of matrices of extreme pathways was used ..... V, to **form** an ellipse that is elongated along each **singular** vector of U in ...
www.biophysj.org/cgi/content/full/84/2/794 - Similar pages - Note this

Accurate Waveform Modeling using Singular Value Decomposition with ...
forms is to approximate the waveform with a cumulative ... **Singular Value Decomposition**

suzmuzak@gmail.com | My Account | Sign out

Google

svd and qr matrix   Search | Advanced Search
                                    Preferences

The "AND" operator is unnecessary -- we include all search terms by default. [details]

Web   Results **1 - 10** of about **155,000** for **svd and qr matrix**. **(0.34 seconds)**

SSA, SVD, QR-cp, and RBF Model Reduction
RBF (Radial Basis Function) models. For this purpose, the **SVD and QR**-cp. **matrix**
decomposition operations are used in a way similar to how usually **SVD** ...
www.springerlink.com/index/586YK07XJREERVA3.pdf - Similar pages - Note this

[PDF] Out-of-Core SVD and QR Decompositions
File Format: PDF/Adobe Acrobat - View as HTML
The most challenging phase in the out-of-core **SVD** of tall narrow matrices is. the out-of-
core **QR** decomposition. Since the input **matrix** is tall and narrow, ...
www.cs.tau.ac.il/~stoledo/Pubs/pp01-**qr**.pdf - Similar pages - Note this

.NET Matrix Library - Eigenvalues eigenvectors SVD QR determinant ...
Solve linear equations least squares eigenvalues and eigenvectors problems, singular value
decompositions **QR matrix** determinant and inverse.
www.bluebit.gr/NET/ - 34k - Cached - Similar pages - Note this

S-PLUS Help Categories
rcond.**qr**.**Matrix**, Condition Estimation for Matrices from **QR** Decomposition.
rcond.**svd**.**Matrix**, Condition Number for Matrices from Singular Values ...
www.uni-muenster.de/ZIV/Mitarbeiter/BennoSueselbeck/s-html/categories/algebra.html -
18k - Cached - Similar pages - Note this

Singular value decomposition - ALGLIB
This algorithm shows better performance than the **QR** algorithm when working with big
matrices. For instance, the square **matrix singular value decomposition** ...
www.alglib.net/**matrix**ops/general/**svd**.php - 17k - Cached - Similar pages - Note this

A QR-like Reduction for Computing the SVD of a General Matrix ...
A **QR**-like Reduction for Computing the **SVD** of a General **Matrix** Product/Quotient.
publi-etis.ensea.fr/2003/CDD03/ - 3k - Cached - Similar pages - Note this

IngentaConnect SIGNIFICANT FUZZY RULES EXTRACTION BY AN SVD-QR ...
In this article, an **SVD−QR**-based approach is proposed to extract the important ... a firing
strength **matrix** determined by the membership functions of the ...
www.ingentaconnect.com/content/tandf/ucbs/2005/00000036/00000006/art00004 -
Similar pages - Note this

Singular Value Decomposition
The **SVD** of the bidiagonal **matrix** is computed either by subroutine xBDSQR or by
subroutine xBDSDC. xBDSQR uses **QR** iteration when singular vectors are desired ...
www.netlib.org/lapack/lug/node53.html - 17k - Cached - Similar pages - Note this

[PS] Matrix Computations Assignment SVD-QR iteration for a bidiagonal ...
File Format: Adobe PostScript - View as Text
SVD-QR iteration for a bidiagonal **matrix**. Implement in Matlab the **QR** algorithm for an
upper bidiagonal **matrix**. The interface should be. [s,it,G]=svdbid(d,f) ...
www.mai.liu.se/~laeld/kurser/**matrix**-comp/**svd**-bidiag.ps - Similar pages - Note this